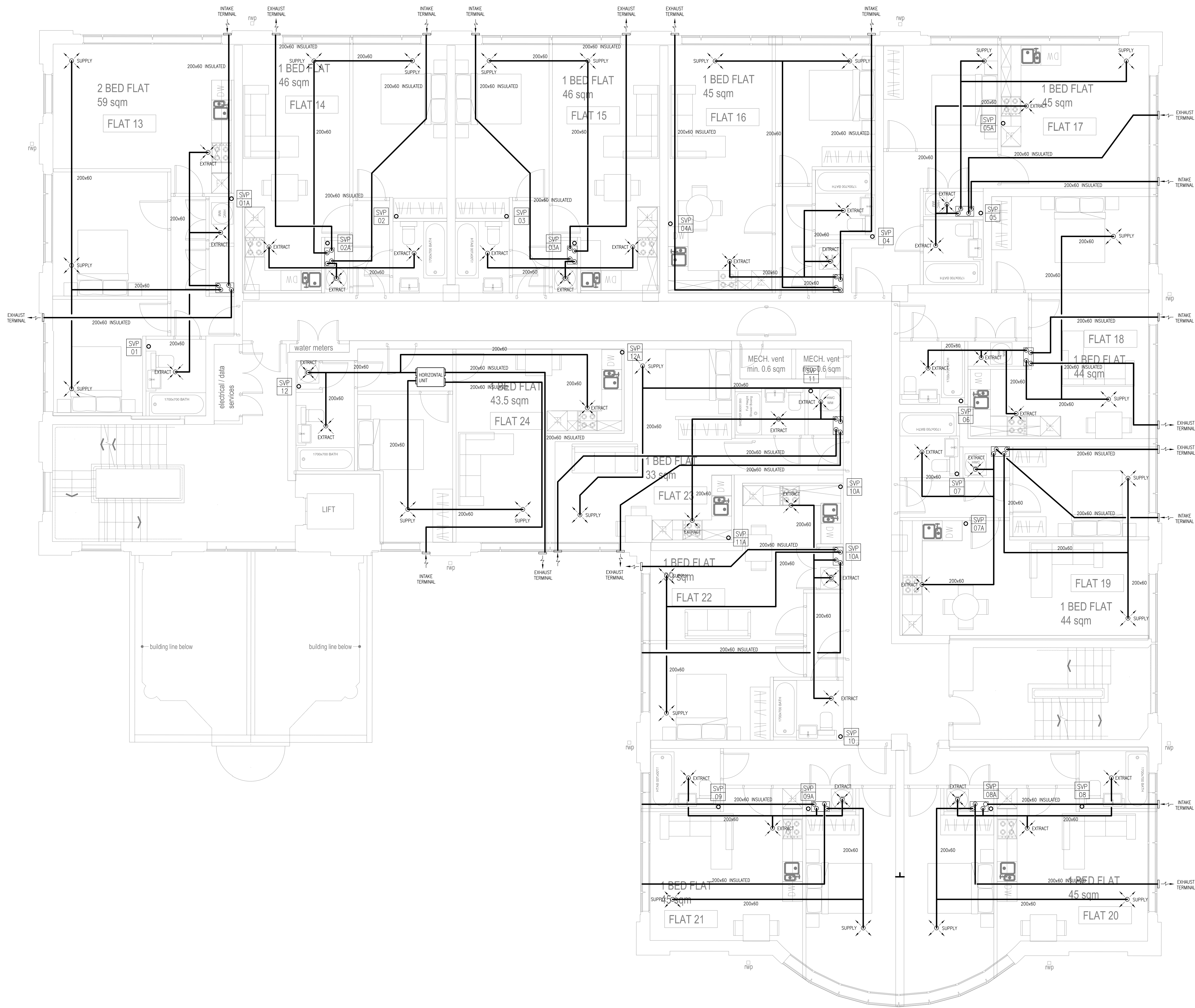




MVHR SYSTEM IN DWELLINGS:

EACH FLAT TO BE PROVIDED WITH A FULLY INDEPENDENT MECHANICAL SUPPLY & EXTRACT VENTILATION SYSTEM (MVHR)

SYSTEM TO BE INSTALLED AND COMMISSIONED FULLY IN ACCORDANCE WITH BUILDING REGULATIONS PART F.

SENTINEL MVHR UNIT IN EACH DWELLING TO BE AS MANUFACTURED BY VENT-AXIA. UNIT TO BE LOCATED AS PER THE VENT AXIA DESIGNS, WITH ROUND TO FLAT DUCT ADAPTORS. UNIT TO RUN ON TRICKLE MODE, WITH REMOTE BOOST FROM 2 SPEED SWITCH ADJACENT TO COOKER IN KITCHEN AND FROM LIGHT SWITCH OPERATION IN BATHROOMS.

UNITS IN FLATS WITH NO CLIFFORDS TO BE LOCATED IN THE CEILING VOID IN HALLWAYS AND SHALL BE AS PER THE HORIZONTAL UNIT (AS NOTED)

ALL DUCTWORK TO BE AS SHOWN ON VENT-AXIA DRAWINGS (204x60) RUNNING IN CEILING VOID, TIGHT TO U/S SLAB, SUPPORTED BY MOUNTING CLIPS.

ALL DUCTWORK PASSING THROUGH FIRE COMPARTMENT WALLS (THROUGH HALLWAYS) TO BE FITTED WITH FIRE RESISTANT WRAP, AS SUPPLIED BY VENT-AXIA.

DUCT TERMINATION POINTS IN POSITIONS SHOWN TO FINISH AT EXTERNAL WALL AS INDICATED VIA AIRBRICK TERMINALS

ABOVE GROUND DRAINAGE NOTES:

THE INSTALLATION SHALL COMPLY WITH APPROVED DOCUMENT H OF THE BUILDING REGULATIONS, STATUTORY AUTHORITY REGULATIONS AND ALL RELEVANT BRITISH STANDARDS.

ALL SOIL/VENT PIPE STACKS, WASTE AND ANTI-SYPHON SYSTEMS SHALL BE CARRIED OUT IN UPVC PIPEWORK AND FITTINGS AS MANUFACTURED BY MARLEY, WITH SOLVENT WELDED JOINTS UNLESS INDICATED OTHERWISE.

ACCESS FOR ROOFING SHALL BE PROVIDED ON ALL SYSTEMS, AND ALL SYSTEMS SHALL BE OF A SINGLE MANUFACTURER AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS IN TERMS OF SUPPORTS AND JOINTING.

ANY = WHERE SHOWN, DUKRO AIR ADMITTANCE VALVE LOCATED AT THE TOP OF SUB-STACKS. VALVES LOCATED ABOVE HIGHEST FLOOD LEVEL OF STACK AND BOXED IN WITH CIRCULAR 50# VENT GRILLE IN BOXING TO PROVIDE ADEQUATE AIR MAKE UP ON ACTIVATION

PIPEWORK SHALL BE SUPPORTED THROUGHOUT ITS LENGTH, USING STANDARD TWO FIXING CLIPS, TO ENSURE A GRADUAL AND CONSISTENT FALL AND ANY PIPEWORK NOT MEETING THIS CRITERIA SHALL BE REPLACED.

AN AIR TEST SHALL BE APPLIED TO EACH SECTION OF THE SANITARY INSTALLATION ON COMPLETION.

WATER SEALS OF APPLIANCES SHALL BE FULLY CHARGED AND TEST PLUGS INSERTED INTO OPEN ENDS. AIR SHALL BE PUMPED INTO THE SYSTEM UNDER TEST UNTIL A PRESSURE OF 38mm OF WATER IS REACHED AND HELD FOR 3 MINUTES. SOAP TESTS SHALL BE USED TO DETECT ANY LEAKS, AND TESTS SHALL BE REPEATED UNTIL SUCCESSFUL AND APPROVED.

THE CONTRACTOR SHALL ALLOW FOR TESTS TO BE WITNESSED BY THE LOCAL BUILDING CONTROL OFFICER OR APPOINTED AGENT

REVISION	DATE	DESCRIPTION
PRELIMINARY		
CLIENT		
MHA HEATHROW LTD		
ARCHITECT		
OATEN ARCHITECTURE		
PROJECT		
NOBEL DRIVE, HEATHROW		
TITLE		
BUILDING 3 FIRST FLOOR		
DATE	SCALE	DRAWN BY
APR 2017	1:50 @ A0	JS
CHECKED BY	REVISION	
GB	-	
DRAWING NO.		
2655 - M101		



MCA CONSULTING ENGINEERS LTD
8 NEWHOUSE BUSINESS CENTRE
OLD CRAWLEY ROAD, HORSHAM
WEST SUSSEX, RH12 4RU
MCA@MCALTD.CO.UK
MCALTD.CO.UK
01293 851490